

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 11-234998 (71)Applicant : CANON INC
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(54) CARD-LIKE MEDIUM AND ITS MANUFACTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To improve water resistance, stain resistance and damage resistance and to deal with window issuing by sealing the end of an ink receiving layer of the end of a card-like medium with a non-porous resin in the medium formed by sequentially laminating an ink receiving layer and a non-porous resin layer on a water resistant base material.

SOLUTION: The card-like medium is formed by providing an ink receiving layer 102 on a base material 101 and further laminating an uppermost layer 103 thereon. At least the layer 102 is sealed with a resin 104 at an end of the medium. As a result, even at the end of the medium, the layer 102 and information printed on the layer 102 are protected against water, ultraviolet ray, oxygen, ozone, stain or the like. Further, as the resin for forming the uppermost layer and the resin for sealing the end of the medium, thermoplastic resin particles are used, and hence the uppermost layer and the end of the medium can be formed as porous layers.

